

# Enterprise Budget: Alfalfa Hay, Dryland, Box Elder County, Utah, 2001

Item	Unit	Quantity per acre	\$/unit	Value/Cost per Acre	Your Farm
..... Dollars .....					
<b>Receipts:</b>					
Alfalfa Hay .....	Tons	1.50	95.00	142.50	_____
Residue .....	AUM	0.25	11.00	2.75	_____
Total Receipts .....				145.25	
<b>Expenses:</b>					
Variable Operating Costs					
Establishment Costs (ammortized)	Acre	1	12.46	12.46	_____
Harvesting (custom)					
Swathing .....	Acre	1	12.17	12.17	_____
Baling .....	small bales	100	0.37	37.00	_____
Hauling .....	small bales	100	0.29	29.00	_____
Interest on operating capital @ 9.75%				1.21	_____
Transportation/shipping to market ....	Tons	1.50	0.12	0.18	_____
Total Variable Costs .....				92.02	_____
Fixed Costs (excludes cost of land)					
Farm Insurance .....	Acre	1	2.00	2.00	_____
Machinery ownership .....	Acre	1	9.00	9.00	_____
Total Fixed Costs .....				11.00	_____
Total All Expenses .....				103.02	_____
<b>Net returns to owner for unpaid labor, management, equity and risk</b>					
above operating costs .....				53.23	_____
above total costs .....				42.23	_____

## Assumptions and notes:

Alfalfa already established and harvested in June or July.

Interest computed on establishment costs for 12 months.

Harvesting costs are based on average custom harvesting rates.

Costs are based on 40 acres of alfalfa.

Machinery ownership costs include depreciation, interest, insurance, and housing.

## Net returns per acre to operator above operating costs for various alfalfa prices and levels of production

Tons per acre	Selling Price (Dollars)				
	76.00	85.50	95.00	104.50	114.00
1.05	10.38	20.35	30.33	40.30	50.28
1.20	15.16	26.56	37.96	49.36	60.76
1.35	19.94	32.77	45.59	58.42	71.24
1.50	24.73	38.98	53.23	67.48	81.73
1.65	29.51	45.18	60.86	76.53	92.21
1.80	34.29	51.39	68.49	85.59	102.69
1.95	39.07	57.60	76.12	94.65	113.17

Budget prepared by E. Bruce Godfrey, Shane Ellis, and Lyle Holmgren